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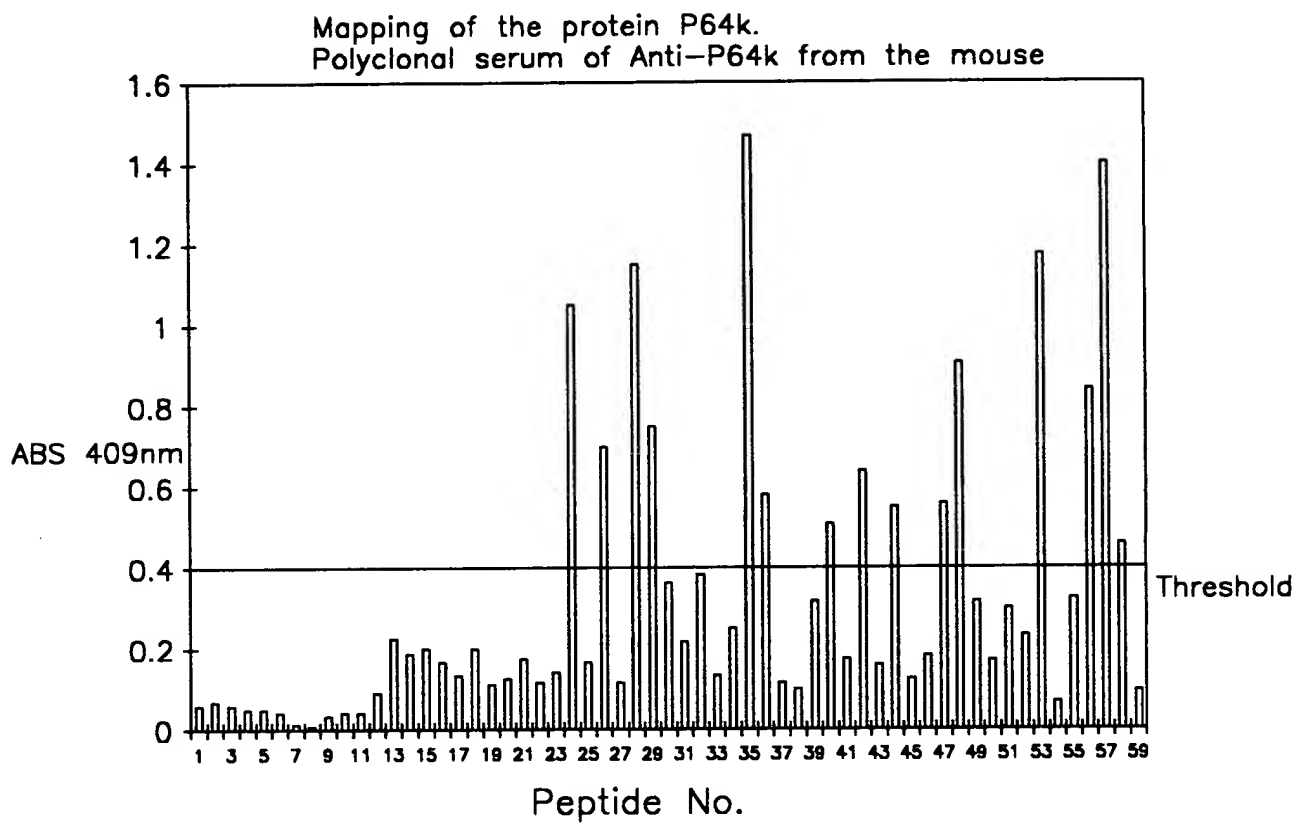
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FIG. 1

10	20	30	40	50	60	70
ATGCTAGATA	AAAGAATGGC	TTTAGTTGAA	TTGAAAGTGC	CCGACATTGG	CGGACACGAA	AATGTAGATA
80	90	100	110	120	130	140
TTATCGCGGT	TGAAGTAAAC	GTGGGCGACA	CTATTGCTGT	GGACGATACC	CTGATTACTT	TGGAAACCGA
150	160	170	180	190	200	210
TAAAGCGACT	ATGGACGTAC	CTGCTGAAGT	TGCAGGCGTA	GTCAAAGAAG	TTAAAGTTAA	AGTCGGCGAC
220	230	240	250	260	270	280
AAAATCTCTG	AAGGTGGTTT	GATTGTCGTC	GTTGAAGCTG	AAGGCACGGC	AGCCGCTCCT	AAAGCCGAAG
290	300	310	320	330	340	350
CGGCTGCCGC	CCCGGCGCAA	GAAGCCCCTA	AAGCTGCCGC	TCCTGCTCCG	CAAGCCGCGC	AATTCGGCGG
360	370	380	390	400	410	420
TTCTGCCGAT	GCCGAGTACG	ACGTGGTCGT	ATTGGGTGGC	GGTCCCGGCG	GTTACTCCGC	TGCATTTGCC
430	440	450	460	470	480	490
GCTGCCGATG	AAGGCTTGAA	AGTCGCCATC	GTCGAACGTT	ACAAAACTTT	GGGCGGCGTT	TGCCTGAACG
500	510	520	530	540	550	560
TCGGCTGTAT	CCCTTCCAAA	GCCTTGTTGC	ACAATGCCGC	CGTTATCGAC	GAAGTGCGCC	ACTTGGCTGC
570	580	590	600	610	620	630
CAACGGTATC	AAATACCCCG	AGCCGGAATC	CGACATCGAT	ATGCTTCGCG	CCTACAAAGA	CGGCGTAGTT
640	650	660	670	680	690	700
TCCCGCCTCA	CGGGCGGTTT	GGCAGGTATG	GCGAAAAGCC	GTAAAGTGGG	CGTTATCCAA	GGCGACGGGC
710	720	730	740	750	760	770
AATTCTTAGA	TCCGCACCAC	TTGGAAGTGT	CGCTGACTGC	CGGCGACGCG	TACGAACAGG	CAGCCCCTAC
780	790	800	810	820	830	840
CGGCGAGAAA	AAAATCGTTG	CCTTCAAAAA	CTGTATCATT	GCAGCAGGCA	GCCGCGTAAC	CAAACGCTCT
850	860	870	880	890	900	910
TTCATTCTTG	AAGATCCGCA	CATCATCGAT	TCCAGCGGCG	CATTGGCTCT	GAAAGAAGTA	CCGGGCAAAC
920	930	940	950	960	970	980
TGCTGATTAT	CGGCGGCGGC	ATTATCAGCC	TCGAGATGGG	TACGGTTTAC	AGCACGCTGG	GTTTCGCTTT
990	1000	1010	1020	1030	1040	1050
GGATGTGGTT	GAAATGATGG	ACGGCCTGAT	GCAAGGCGCA	GACCGCGATT	TGGTAAAAGT	ATGGCAAAAA
1060	1070	1080	1090	1100	1110	1120
CAAAACGAAT	ACCGTTTTGA	CAACATTATG	GTCAACACCA	AAACCGTTGC	AGTTGAGCCG	AAAGAAGACG
1130	1140	1150	1160	1170	1180	1190
GCGTTTACGT	TACCTTTGAA	GGCGCGAACG	CGCCTAAAGA	GCCGCAACGC	TACGATGCCG	TATTGGTTGC
1200	1210	1220	1230	1240	1250	1260
CGCCGGCCGC	GCGCCCAACG	GCAAATCAT	CAGCGCGGAA	AAAGCAGGCG	TTGCCGTAAC	CGATCGCGGC
1270	1280	1290	1300	1310	1320	1330
TTCATCGAAG	TGGACAAACA	AATGCGTACC	AATGTGCCGC	ACATCTACGC	CATCGGCGAC	ATCGTCGGTC
1340	1350	1360	1370	1380	1390	1400
AGCCGATGTT	GGCGCACAAA	GCCGTTACG	AAGGCCACGT	TGCCGCGGAA	AACTGCGCCG	GCCACAAAGC
1410	1420	1430	1440	1450	1460	1470
CTACTTCGAC	GCACGCGTGA	TTCCGGGCGT	TGCCTACACT	TCCCCCGAAG	TGGCGTGGGT	GGGCGAAACC
1480	1490	1500	1510	1520	1530	1540
GAACTGTCCG	CCAAAGCCTC	CGGCCGCAAA	ATCACCAAAG	CCAACTTCCC	GTGGGCGGCT	TCCGGCCGTG
1550	1560	1570	1580	1590	1600	1610
CGATTGCCAA	CGGTTGCGAC	AACGGCTTTA	CCAAGCTGAT	TTTTGATGCC	GAAACCGGCC	GCATCATCGG
1620	1630	1640	1650	1660	1670	1680
CGGCGGCATT	GTCGGTCCGA	ACGGTGCCGA	TATGATCGGC	GAAGTCTGCC	TTGCCATCGA	AATGGGCTGC
1690	1700	1710	1720	1730	1740	1750
GACGCGGCAG	ACATCGGCAA	AACCATCCAC	CCGCACCCGA	CCTTGGGCGA	ATCCATCGGT	ATGGCGGCGG
1760	1770	1780	1790	1797		
AAGTGGCATT	GGGTACTTGT	ACCGACCTGC	CTCCGCAAAA	GAAAAAA		

CGCTTTACGT

FIG. 2



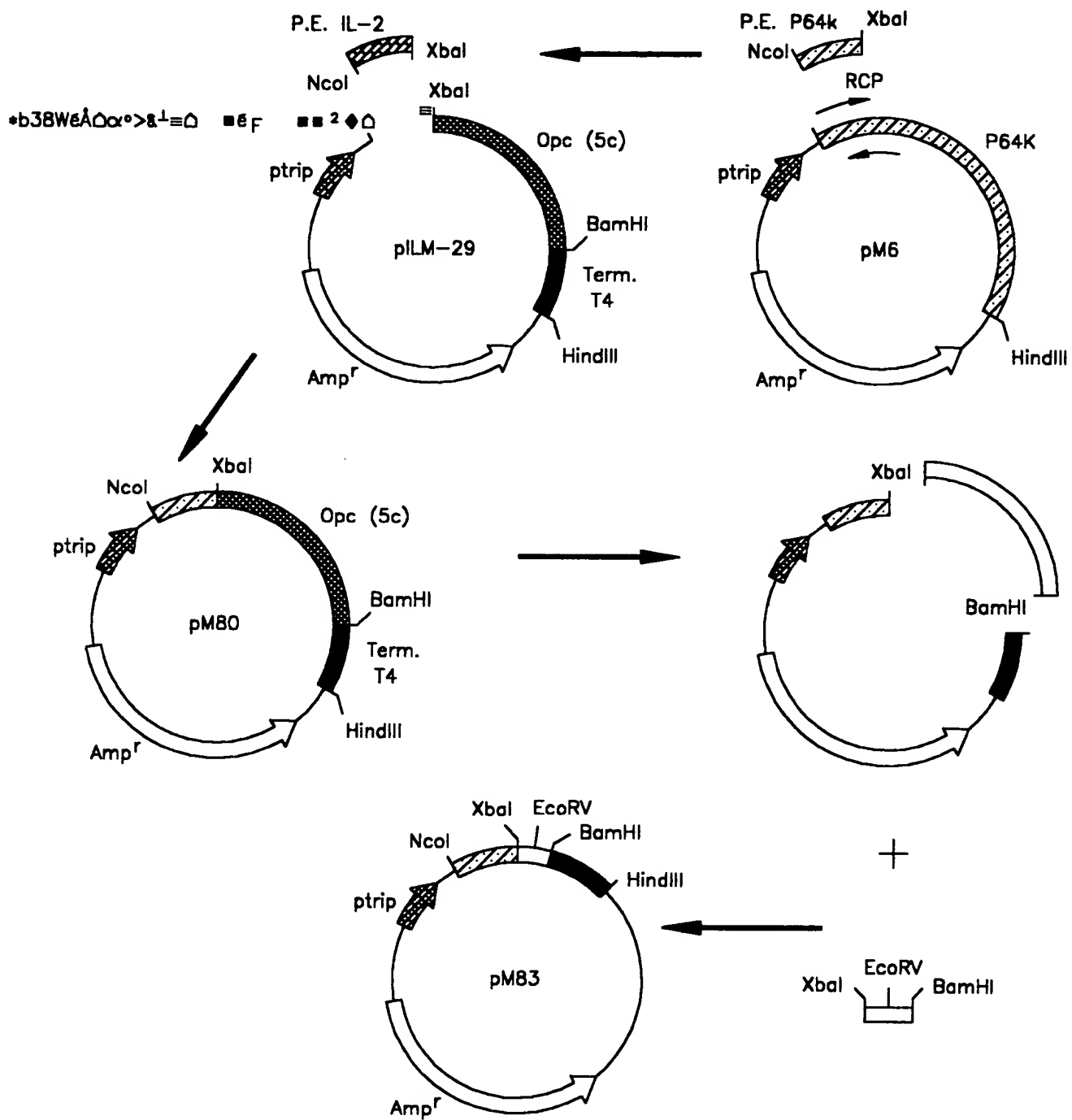
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 3

4
5' TTCC

M V D K R M A L V E L K V P D I G G H
ATG GTA GAT AAA AGA ATG GCT TTA GTT GAA TTG AAA GTG CCC GAC ATT GGC GGA CAC
 61 70 79 88 97 106 115
 E N V D I I A V E V N V G D T I A V D
 GAA AAT GTA GAT ATT ATC GCG GTT GAA GTA AAC GTG GGC GAC ACT ATT GCT GTG GAC
 124 133 142
 D T L I T L D L E
GAT ACC CTG ATT ACT TTG GAT CTA GAA A 3'

FIG. 4



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DATE		

FIG. 6

Sequences producing High-scoring Segment Pairs:

Sequences producing High-scoring Segment Pairs:		Reading Frame	High Score	Smallest Poisson	
				Probability P(N)	N
CFMUCIN	Canis familiaris (clone pCTM-A) mucin c-term...	-2	62	0.30	1
HS8671	EST02755 Homo sapiens cDNA clone HFBCA72 sim...	-2	61	0.40	1

>CFMUCIN *Canis familiaris* (clone pCTM-A) mucin c-terminus RNA, 3' end.
Length = 1733

Query: 8 LVELKVPDIGGHENVDIIAVEVNVGDTIAVDD 39
L E+ VPD H V+++A E+ +G+++ VDD
Sbjct: 1015 LREVQVPDRKLHKGVQLLAGELGIGEAQVDD 920

>HS8671 EST02755 Homo sapiens cDNA clone HFBCA72 similar to Mucin CTM-A.
Length = 286

Query: 8 LVELKVPDIGGHENVDIIAVEVNVGDTIAVDD 39
L E+ VPD HE V++++ E+ VG VDD
Sbjct: 240 LREVQVPDRKLHEGVQLLSGELGVGKXFQVDD 145

FIG. 10A

Gene	Stabilizer	Plasmid	Culture medium	% of expression
<i>porA</i>	hIL2-58	pILM-28	M9	32
	P64k-47	pM-82	M9	34
<i>opc</i>	hIL2-58	pILM-29	M9	25
	P64k-47	pM-80	M9	20
TAB	hIL2-22	pTAB4	LB	5
	P64k-47	pTAB4	LB	10

FIG. 10B

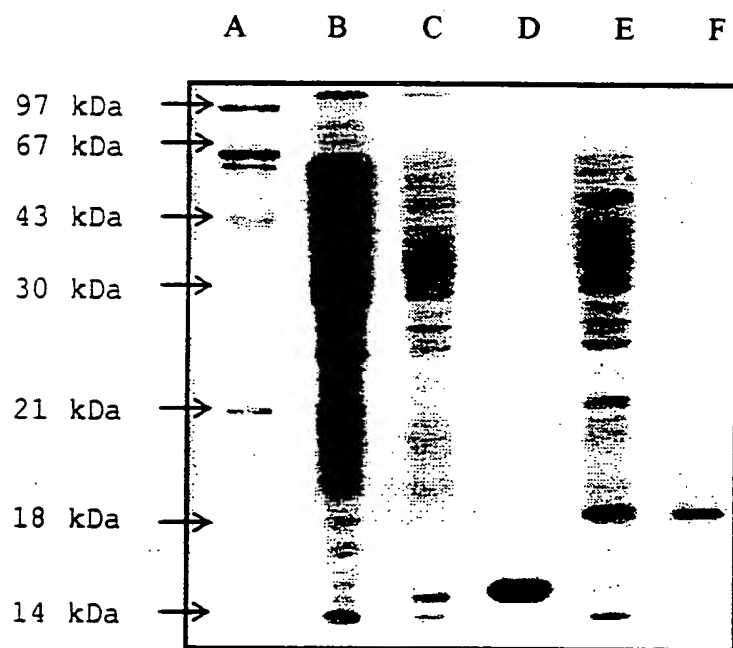
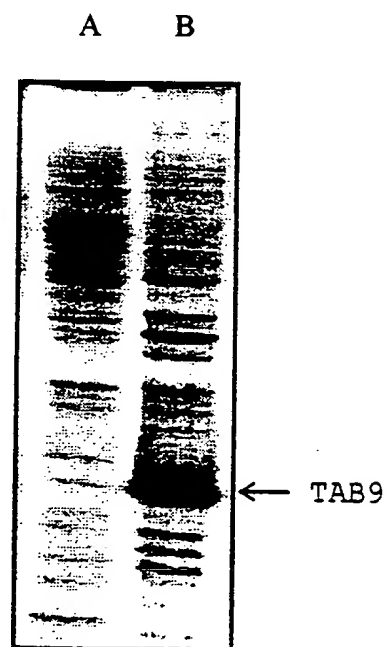


FIG. 10C



APPROVED	O.G. FIG.	
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FIG. 12

	TAB 4				TAB 9			
RABBIT#	12166	5725	5340	2310	1	2	3	10
TAB	20480	10240	10240	81920	20480	20480	51200	51200
	0	0	0	0	0	0		
LR150	<100	<100	<100	6400	400	<100	800	<100
JY1	200	<100	<100	12800	1600	6400	3200	<100
RF	6400	<100	3200	800	<100	200	3200	800
MN	200	<100	<100	1600	1600	3200	6400	<100
BRVA	<100	6400	400	3200	800	400	6400	1600
IIIB	<100	<100	<100	<100	800	<100	800	<100
GM		1820				1416		
R%		45.8%				75%		